

WHAT IS CLAIMED IS:

1. A manufacturing method of a positive active material for alkaline storage battery including nickel hydroxide as a main component, said method comprising:

5 an oxidizing step of chemically oxidizing said nickel hydroxide; and

a reducing step of reducing the higher order nickel hydroxide obtained by said oxidizing step.

10 2. A manufacturing method of a positive active material for alkaline storage battery including nickel hydroxide as a main component, said method comprising:

a coating step of coating the surface of said nickel hydroxide with a cobalt compound;

15 an oxidizing step of chemically oxidizing said nickel hydroxide obtained by said coating step; and

a reducing step of reducing the higher order nickel hydroxide obtained by said oxidizing step.

20 3. A manufacturing method of a positive active material for alkaline storage battery including nickel hydroxide as a main component, said method comprising:

a coating step of coating the surface of said nickel hydroxide with a cobalt compound;

25 a high-ordering step of subjecting said cobalt compound

to alkaline heat treatment so that said cobalt compound is in a higher order;

an oxidizing step of chemically oxidizing said nickel hydroxide coated with said higher order cobalt compound; and

5 a reducing step of reducing the higher order nickel hydroxide obtained by said oxidizing step.

4. A manufacturing method of a positive active material for alkaline storage battery according to any one of Claims 1  
10 to 3, wherein the degree of oxidation effected at said oxidizing step and the degree of reduction effected at said reducing step are adjusted so that the average valence of the higher order nickel hydroxide thus reduced is from 2.10 to 2.30.

15 5. A manufacturing method of a positive active material for alkaline storage battery according to any one of Claims 1 to 3, wherein said reducing step involves chemical reduction with a reducing agent.

20 6. A nickel electrode comprising a porous electrode substrate filled with an active material slurry made of a positive active material prepared by the method defined in any of Claims 1 to 3 and a binder.

25 7. An alkaline storage battery comprising a nickel

electrode defined in Claim 6, a negative electrode, a separator for separating said electrodes from each other, and an alkaline electrolytic solution.

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